

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 198  | 382/141-152.ccls. and (electron near2 beam) and (height)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L2    | 193  | 382/141-152.ccls. and (electron near2 microscope) and (cross near3 section \$4)                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L3    | 85   | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and scatterometry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L4    | 136  | (cross near2 section) same (electron near2 microscope) same ((three near2 dimension\$4))                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L5    | 133  | 382/141-152.ccls. and (electron near2 microscope) and (height)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L6    | 6    | 382/154.ccls. and (electron near2 microscope) and (cross near2 section \$4)                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |
| L7    | 133  | 382/141-152.ccls. and (electron near2 microscope) and (height)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/13 22:27 |

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|-----|------|---|---|----|----|---------------------|
| L8  | 1    | (height and information and fine and pattern and measuring and substrate and electron beam and image and average and ratio and cross and section and differential).clm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:33 |
| L9  | 2412 | (SHISHIDO near CHIE NAKAGAKI near RYO TANAKA near MAKI WATANABE near KENJI TOYOSHIMA near YUYA).inv.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:38 |
| L10 | 389  | (SHISHIDO near CHIE NAKAGAKI near RYO TANAKA near MAKI WATANABE near KENJI TOYOSHIMA near YUYA).inv. and electron   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:40 |
| L11 | 193  | (SHISHIDO near CHIE NAKAGAKI near RYO TANAKA near MAKI WATANABE near KENJI TOYOSHIMA near YUYA).inv. and electron and height  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:41 |
| L12 | 35   | (SHISHIDO near CHIE NAKAGAKI near RYO TANAKA near MAKI WATANABE near KENJI TOYOSHIMA near YUYA).inv. and electron and height and slope                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:43 |
| L13 | 18   | (SHISHIDO near CHIE NAKAGAKI near RYO TANAKA near MAKI WATANABE near KENJI TOYOSHIMA near YUYA).inv. and electron and height and slope and differential                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:43 |

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| L14 | 16   | (SHISHIDO near CHIE<br>NAKAGAKI near RYO<br>TANAKA near MAKI<br>WATANABE near<br>KENJI TOYOSHIMA<br>near YUYA).inv. and<br>electron and height<br>and slope and<br>differential and cross   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:43 |
| L15 | 16   | (SHISHIDO near CHIE<br>NAKAGAKI near RYO<br>TANAKA near MAKI<br>WATANABE near<br>KENJI TOYOSHIMA<br>near YUYA).inv. and<br>electron and height<br>and slope and<br>differential and cross<br>and section  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:43 |
| L16 | 12   | (SHISHIDO near CHIE<br>NAKAGAKI near RYO<br>TANAKA near MAKI<br>WATANABE near<br>KENJI TOYOSHIMA<br>near YUYA).inv. and<br>electron and height<br>and slope and<br>differential and cross<br>and section and<br>waveform                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:43 |
| L17 | 12   | (SHISHIDO near CHIE<br>NAKAGAKI near RYO<br>TANAKA near MAKI<br>WATANABE near<br>KENJI TOYOSHIMA<br>near YUYA).inv. and<br>electron and height<br>and slope and<br>differential and cross<br>and section and<br>waveform and first<br>and order | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/13<br>22:44 |
| S1  | 4182 | 382/141-152.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>23:47 |

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| S2 | 508 | 382/141-152.ccls. and<br>electron near2 beam  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:35 |
| S3 | 155 | 382/141-152.ccls. and<br>(electron near2 beam)<br>and (height)                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:36 |
| S4 | 96  | 382/141-152.ccls. and<br>(electron near2<br>microscope) and<br>(height)                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>20:04 |
| S5 | 389 | 382/141-152.ccls. and<br>(electron near2<br>microscope)                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:36 |
| S6 | 376 | 382/141-152.ccls. and<br>(electron near2<br>microscope) and<br>(height pattern shape)       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:36 |
| S7 | 362 | 382/141-152.ccls. and<br>(electron near2<br>microscope) and<br>(pattern)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:37 |
| S8 | 265 | 382/141-152.ccls. and<br>(electron near2<br>microscope) and<br>(shape)                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>19:37 |
| S9 | 152 | 382/141-152.ccls. and<br>(electron near2<br>microscope) and<br>(cross near3 section<br>\$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>20:04 |

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| S10 | 152   | 382/141-152.ccls. and (electron near2 microscope) and (cross near2 section \$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 21:19 |
| S11 | 15    | ("5283442"   "5345309"   "5877092"   "5939765"   "6000281"   "6009255"   "6034409"   "6096629"   "6181411"   "6392749"   "6405153"   "6476398"   "6563586"   "6849363").PN. OR ("6980937").URPN. | US-PGPUB; USPAT; USOCR                             | OR | ON | 2007/03/07 21:16 |
| S12 | 5     | 382/154.ccls. and (electron near2 microscope) and (cross near2 section \$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 21:35 |
| S13 | 19    | 382/154.ccls. and (electron near2 microscope)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 22:05 |
| S14 | 16678 | (cross near2 section) and (electron near2 microscope)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 22:06 |
| S15 | 3888  | (cross near2 section) and (electron near2 microscope) and (3D (three near2 dimension \$4))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/07 22:07 |
| S16 | 3181  | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/08 11:40 |

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| S17 | 52   | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and scatterometry             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/07<br>22:07 |
| S18 | 1728 | 382/154.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>11:35 |
| S19 | 234  | 382/154.ccls. and (cross near2 section)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>11:39 |
| S20 | 1449 | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and height                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>11:41 |
| S21 | 742  | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and height and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>11:46 |
| S22 | 103  | (cross near2 section) same (electron near2 microscope) same ((three near2 dimension\$4))                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>11:42 |
| S23 | 179  | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4) same height) and semiconductor | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>14:09 |
| S24 | 0    | "09132220".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>12:17 |

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| S25 | 21  | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4) same height) and semiconductor and stereo\$7 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08<br>14:10 |
| S26 | 110 | 382/141-152.ccls. and (electron near2 microscope) and (height)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>13:35 |
| S27 | 167 | 382/141-152.ccls. and (electron near2 microscope) and (cross near3 section \$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>13:36 |
| S28 | 20  | 382/154.ccls. and (electron near2 microscope)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>13:36 |
| S29 | 5   | 382/154.ccls. and (electron near2 microscope) and (cross near2 section \$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>13:36 |
| S30 | 2   | "7197168".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>23:48 |
| S31 | 180 | 382/141-152.ccls. and (electron near2 beam) and (height)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S32 | 176 | 382/141-152.ccls. and (electron near2 microscope) and (cross near3 section \$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |

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| S33 | 21  | 382/154.ccls. and (electron near2 microscope)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S34 | 74  | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and scatterometry                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S35 | 118 | 382/141-152.ccls. and (electron near2 microscope) and (height)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S36 | 118 | 382/141-152.ccls. and (electron near2 microscope) and (height)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S37 | 5   | 382/154.ccls. and (electron near2 microscope) and (cross near2 section \$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:23 |
| S38 | 2   | "20030108235".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>16:40 |
| S39 | 129 | 382/154.ccls. and display\$4 near3 stereoscopic   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>18:01 |
| S40 | 163 | (cross near2 section) and (electron near2 microscope) and ((three near2 dimension\$4)) and (bottom top lower upper) near2 (round \$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>19:31 |



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| S41 | 126 | (cross near2 section)<br>and (electron near2<br>microscope) and<br>((three near2<br>dimension\$4)) and<br>(bottom top lower<br>upper) near2 (round<br>\$4) and image | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>19:33 |
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